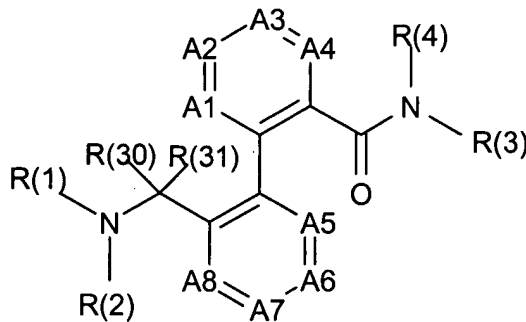


**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A compound of the formula I,



in which:

A1, A2, A3, A4, A5, A6, A7 and A8

independently of one another are chosen from nitrogen, and CH and ~~CR(5)~~, at ~~least one of these groups being nitrogen and at least 4 of these groups being~~ CH;

R(1) is ~~C(O)OR(9), SO<sub>2</sub>R(10), COR(11), C(O)NR(12)R(13) or C(S)NR(12)R(13);~~

wherein ~~R(9), R(10), R(11) and R(12)~~

~~independently of one another are~~ is C<sub>x</sub>H<sub>2x</sub>-R(14);

where x is 0, 1, 2, 3 or 4, and

x cannot be 0 if R(14) is OR(15) or SO<sub>2</sub>Me;

R(14) is alkyl having 1, 2, 3, 4, 5 or 6 atoms, cycloalkyl having 3, 4, 5, 6, 7, 8, 9, 10 or 11 carbon atoms, CF<sub>3</sub>, C<sub>2</sub>F<sub>5</sub>, C<sub>3</sub>F<sub>7</sub>, CH<sub>2</sub>F, CHF<sub>2</sub>, OR(15), SO<sub>2</sub>Me, substituted or unsubstituted phenyl, substituted or unsubstituted naphthyl, substituted or unsubstituted biphenyl, substituted or unsubstituted furyl, substituted or unsubstituted thienyl or a substituted or

unsubstituted N-containing heteroaromatic having 1, 2, 3, 4, 5, 6, 7, 8 or 9 carbon atoms,

where the substituted phenyl, substituted naphthyl, substituted biphenyl, substituted furyl, substituted thienyl and the substituted N-containing heteroaromatic are each independently substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, OCF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(15) is alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF<sub>3</sub> substituted phenyl or unsubstituted phenyl,

wherein the substituted phenyl is substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino; and

R(13) is hydrogen, alkyl having 1, 2, 3 or 4 carbon atoms or CF<sub>3</sub>;

R(2) is hydrogen, ~~alkyl having 1, 2, 3 or 4 carbon atoms or CF<sub>3</sub>;~~

R(3) is C<sub>y</sub>H<sub>2y</sub>-R(16);

where y is ~~0, 1, 2, 3 or 4~~, and

~~y cannot be 0 if R(16) is OR(17) or SO<sub>2</sub>Me;~~

R(16) is alkyl having 1, 2, 3, 4, 5 or 6 carbon atoms, or cycloalkyl having 3, 4, 5, 6, 7, 8, 9, 10 or 11 carbon atoms, ~~CF<sub>3</sub>, C<sub>2</sub>F<sub>5</sub>, C<sub>3</sub>F<sub>7</sub>, CH<sub>2</sub>F, CHF<sub>2</sub>;~~

~~OR(17), SO<sub>2</sub>Me, substituted or unsubstituted phenyl, substituted or unsubstituted naphthyl, substituted or unsubstituted furyl, substituted or unsubstituted thienyl or a substituted or unsubstituted N-containing heteroaromatic having 1, 2, 3, 4, 5, 6, 7, 8 or 9 carbon atoms,~~

~~where the substituted phenyl, substituted naphthyl, substituted furyl, substituted thienyl and the substituted N-containing heteroaromatic are each independently substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, OCF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino; and~~

~~R(17) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF<sub>3</sub>, substituted phenyl, unsubstituted phenyl, substituted 2-, 3- or 4-pyridyl, or unsubstituted 2-, 3- or 4-pyridyl,~~

~~where the substituted phenyl and substituted 2-, 3- or 4-pyridyl are each independently substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, OCF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;~~

or

~~R(3) is CHR(18)R(19);~~

~~where R(18) is hydrogen or C<sub>z</sub>H<sub>2z</sub>, R(16), where R(16) is defined as indicated above;~~

~~z is 0, 1, 2 or 3;~~

~~R(19) is COOH, CONH<sub>2</sub>, CONR(20)R(21), COOR(22) or CH<sub>2</sub>OH;~~

~~R(20) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, C<sub>v</sub>H<sub>2v</sub>-  
CF<sub>3</sub>, substituted C<sub>w</sub>H<sub>2w</sub>-phenyl or unsubstituted C<sub>w</sub>H<sub>2w</sub>-  
phenyl,~~

~~where the phenyl ring of the substituted C<sub>w</sub>H<sub>2w</sub>-phenyl  
is substituted by 1, 2 or 3 substituents chosen from F,  
Cl, Br, I, CF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe,  
NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy  
having 1, 2, 3 or 4 carbon atoms, dimethylamino,  
sulfamoyl, methylsulfonyl and methylsulfonylamino;~~

~~v is 0, 1, 2 or 3;~~

~~w is 0, 1, 2 or 3;~~

~~R(21) is hydrogen or alkyl having 1, 2, 3, 4 or 5 carbon atoms; and~~

~~R(22) is alkyl having 1, 2, 3, 4 or 5 carbon atoms;~~

~~R(4) is hydrogen, alkyl having 1, 2, 3, 4, 5 or 6 carbon atoms or CF<sub>3</sub>;~~

~~or~~

~~R(3) and R(4)~~

~~together are a chain of 4 or 5 methylene groups, of which one methylene group  
can be replaced by O, S, NH, N(methyl) or N(benzyl);~~

~~R(5) is independently of one another chosen from F, Cl, Br, I, CF<sub>3</sub>, NO<sub>2</sub>, CN,  
COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms,  
alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl,  
methylsulfonyl or methylsulfonylamino, where in the case that more than one of  
the radicals A1 to A8 have the meaning CR(5), the radicals R(5) are defined  
independently of one another.~~

~~R(30) and R(31)~~

~~independently of one another are hydrogen or alkyl having 1, 2 or 3 carbon  
atoms;~~

~~or~~

~~R(30) and R(31)~~

~~together are oxygen or a chain of 2 methylene groups;~~

or a pharmaceutically tolerable salt thereof, in any stereoisomeric form, or a mixture of any such compounds in any ratio.

2. (Currently amended) The compound as claimed in claim 1, wherein:

A1, A2, A3, A4, A5, A6, A7 and A8

independently of one another are chosen from nitrogen, and CH and ~~CR(5)~~, at ~~least one~~ one of these groups being nitrogen and ~~at least 4 of these groups~~ being CH;

R(1) is C(O)OR(9), ~~SO<sub>2</sub>R(10), COR(11) or C(O)NR(12)R(13)~~

wherein R(9), R(10), R(11) and R(12)

independently of one another are is C<sub>x</sub>H<sub>2x</sub>-R(14);

where x is 0, 1, 2, 3 or 4; and

x cannot be 0 if R(14) is OR(15);

R(14) is alkyl having 1, 2, 3 or 4 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF<sub>3</sub>, OR(15), substituted or unsubstituted phenyl, substituted or unsubstituted naphthyl, substituted or unsubstituted biphenyl, substituted or unsubstituted furyl, substituted or unsubstituted thienyl or a substituted or unsubstituted N-containing heteroaromatic having 1, 2, 3, 4, 5, 6, 7, 8 or 9 carbon atoms,

where substituted phenyl, substituted naphthyl, substituted biphenyl, substituted furyl, substituted thienyl and the substituted N-containing heteroaromatic are each independently substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, OCF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(15) is alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF<sub>3</sub>, substituted phenyl or unsubstituted phenyl, wherein the substituted phenyl is substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino; and

R(13) is hydrogen, alkyl having 1, 2, 3 or 4 carbon atoms or CF<sub>3</sub>;

R(2) is hydrogen, ~~alkyl having 1, 2, 3 or 4 carbon atoms or CF<sub>3</sub>;~~

R(3) is C<sub>y</sub>H<sub>2y</sub>-R(16);

where y is 0, 1, ~~2, 3 or 4~~, and

~~y cannot be 0 if R(16) is OR(17) or SO<sub>2</sub>Me;~~

R(16) is alkyl having 1, 2, 3, 4, 5 or 6 carbon atoms, or cycloalkyl having 3, 4, 5, 6, 7, 8, 9, carbon atoms, ~~CF<sub>3</sub>, OR(17), SO<sub>2</sub>Me, substituted or unsubstituted phenyl, substituted or unsubstituted naphthyl, substituted or unsubstituted furyl, substituted or unsubstituted thienyl or a substituted or unsubstituted N-containing heteroaromatic having 1, 2, 3, 4, 5, 6, 7, 8 or 9 carbon atoms,~~

~~where the substituted phenyl, substituted naphthyl, substituted furyl, substituted thienyl and the substituted N-containing heteroaromatic are each independently substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, OCF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;~~

~~R(17) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF<sub>3</sub>, substituted phenyl, unsubstituted phenyl, substituted 2-, 3- or 4- pyridyl, or unsubstituted 2-, 3- or 4- pyridyl~~

~~where the substituted phenyl or substituted 2-, 3- or 4- pyridyl are each independently substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, OCF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;~~

or

~~R(3) is CHR(18)R(19);~~

~~where R(18) is hydrogen or C<sub>z</sub>H<sub>2z</sub>-R(16), where R(16) is defined as indicated above;~~

~~z is 0, 1, 2 or 3;~~

~~R(19) is CONH<sub>2</sub>, CONR(20)R(21), COOR(22) or CH<sub>2</sub>OH;~~

~~R(20) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, C<sub>v</sub>H<sub>2v</sub>-CF<sub>3</sub>, substituted C<sub>w</sub>H<sub>2w</sub>-phenyl, or substituted C<sub>w</sub>H<sub>2w</sub>-phenyl,~~

~~where the phenyl ring of the substituted C<sub>w</sub>H<sub>2w</sub>-phenyl is substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, OCF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;~~

~~v is 0, 1, 2 or 3;~~

~~w is 0, 1, 2 or 3;~~

~~R(21) is hydrogen or alkyl having 1, 2, 3, 4 or 5 carbon atoms; and~~

~~R(22) is alkyl having 1, 2, 3, 4 or 5 carbon atoms;~~

R(4) is hydrogen, alkyl having 1, 2, 3, 4, 5 or 6 carbon atoms or CF<sub>3</sub>;

~~R(5) is independently of one another chosen from F, Cl, Br, I, CF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;~~

R(30) and R(31)

~~independently of one another are hydrogen or alkyl having 1, 2 or 3 carbon atoms;~~

or

~~R(30) and R(31)~~

~~are a chain of 2 methylene groups;~~

or a pharmaceutically tolerable salt thereof, in any stereoisomeric form, or a mixture of any such compounds in any ratio.

3. (Cancelled)

4. (Cancelled)

5. (Currently amended) The compound as claimed in claim 1, wherein:

in which:

A1, A2, A3, A4, A5, A6, A7 and A8

~~independently of one another are chosen from nitrogen, and CH and CR(5), at least one and at most two one of these groups are nitrogen and at least 4 of these groups are CH;~~

R(1) is C(O)OR(9), SO<sub>2</sub>R(10), COR(11) or C(O)NR(12)R(13);

where R(9), R(10), R(11) and R(12)

~~independently of one another are is C<sub>x</sub>H<sub>2x</sub>-R(14);~~



x is 0, 1, 2, 3 or 4;

R(14) is alkyl having 1, 2, 3 or 4 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF<sub>3</sub>, substituted or unsubstituted phenyl, substituted or unsubstituted naphthyl, substituted or unsubstituted biphenyl, substituted or unsubstituted furyl, substituted or unsubstituted thienyl or a substituted or unsubstituted N-containing heteroaromatic having 1, 2, 3, 4, 5, 6, 7, 8 or 9 carbon atoms,

where the substituted phenyl, substituted naphthyl, substituted biphenyl, substituted furyl, substituted thienyl and the substituted N-containing heteroaromatic are each independently substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, OCF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(13) is hydrogen;

R(2) is hydrogen or methyl;

R(3) is C<sub>y</sub>H<sub>2y</sub>-R(16);

where y is 0, 1, 2, 3 or 4; and

———y cannot be 0 if R(16) is OR(17);

R(16) is alkyl having 1, 2, 3, 4, 5 or 6 carbon atoms, or cycloalkyl having 3, 4, 5, 6, 7, 8, 9, carbon atoms, ~~CF<sub>3</sub>, OR(17), SO<sub>2</sub>Me, substituted or unsubstituted phenyl, substituted or unsubstituted naphthyl, substituted or unsubstituted furyl, substituted or unsubstituted thienyl or a substituted or unsubstituted N-containing heteroaromatic having 1, 2, 3, 4, 5, 6, 7, 8 or 9 carbon atoms,~~

~~where the substituted phenyl, substituted naphthyl, substituted furyl, substituted thienyl and the substituted N-containing~~

~~heteroaromatic are each independently substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, NO<sub>2</sub>, OCF<sub>3</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;~~

~~R(17) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF<sub>3</sub>, substituted phenyl, unsubstituted phenyl, substituted 2-, 3- or 4- pyridyl, or unsubstituted 2-, 3- or 4- pyridyl~~

~~where the substituted phenyl or substituted 2-, 3- or 4- pyridyl are each independently substituted by 1, 2 or 3 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;~~

R(4) is hydrogen or alkyl having 1 or 2 carbon atoms;

~~R(5) is independently of one another chosen from F, Cl, Br, I, CF<sub>3</sub>, NO<sub>2</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl or methylsulfonylamino;~~

R(30) and R(31)

~~independently of one another are hydrogen or methyl;~~

or a pharmaceutically tolerable salt thereof, in any stereoisomeric form, or a mixture of any such compounds in any ratio.

6. (Currently amended) The compound as claimed in claim 5, wherein:

A4 is nitrogen and A1, A2, A3, A4, A5, A6, A7 and A8 independently of one another are chosen from CH and CR(5), where at least 5 of these groups are CH;

~~or a pharmaceutically tolerable salt thereof, in any stereoisomeric form, or a mixture of any such compounds in any ratio.~~

7. (Currently amended) The compound as claimed in claim 6, wherein:

R(1) is C(O)OR(9), SO<sub>2</sub>R(10), COR(11) or C(O)NR(12)R(13);

where R(9), R(10), R(11) and R(12) independently of one another are is C<sub>x</sub>H<sub>2x</sub>-R(14);

where x is 0, 1, 2 or 3;

R(14) is alkyl having 1, 2, 3 or 4 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF<sub>3</sub>, substituted phenyl, unsubstituted phenyl, substituted pyridyl, or unsubstituted pyridyl

where the substituted phenyl and substituted pyridyl are each independently substituted by 1 or 2 substituents chosen from F, Cl, Br, I, CF<sub>3</sub>, OCF<sub>3</sub>, OH, alkyl having 1, 2 or 3 carbon atoms or alkoxy having 1 or 2 carbon atoms;

R(13) is hydrogen;

R(2) is hydrogen;

R(3) is C<sub>y</sub>H<sub>2y</sub>-R(16);

y is 0, 1 or 2;

R(16) is alkyl having 1, 2, 3 carbon atoms, or cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF<sub>3</sub>, substituted phenyl, unsubstituted phenyl, substituted pyridyl, or unsubstituted pyridyl

~~where the substituted phenyl and substituted pyridyl are each independently substituted by 1 or 2 substituents chosen from F, Cl, CF<sub>3</sub>, alkyl having 1, 2 or 3 carbon atoms and alkoxy having 1 or 2 carbon atoms;~~

R(4) is hydrogen;

~~R(5) is independently of one another chosen from F, Cl, CF<sub>3</sub>, CN, COOMe, CONH<sub>2</sub>, COMe, NH<sub>2</sub>, OH, alkyl having 1, 2 or 3 carbon atoms and alkoxy having 1 or 2 carbon atoms;~~

R(30) and R(31)

~~independently of one another~~ are hydrogen or methyl;

or a pharmaceutically tolerable salt thereof, in any stereoisomeric form, or a mixture of any such compounds in any ratio.

8. (Cancelled)

9. (Currently amended) A pharmaceutical ~~preparation~~ composition comprising an efficacious amount of at least one of the compounds of claim 1 and at least one additional component chosen from pharmaceutically acceptable vehicles, pharmaceutically acceptable additives and other pharmacological active compounds.

10. - 18. (Cancelled)